REV.	BRIEF DESCRIPTION OF CHANGE	ECO	DATE	BY	APPR.

SEE SHEET 1

U4 8243 — VCC, VSS, PROG, C5; P23 P22 P21 P20 P73 P72 P71 P70 P63 P62 P61 P60 P53 P52 P51 P50 P43 P42 P41 P40

X01 J2 18 — SHT 4
X02 J2 19 — SHT 4
X03 J2 9 — SHT 4
X04 J2 8 — SHT 4
X05 J2 10 — SHT 4
CS2 J2 1

J1 1, J1 2, J1 49, J1 50 → +5V
J1 25, J1 26 → +5.12V
J1 24, J1 27
J1 3, J1 4, J1 6, J1 8, J1 43, J1 45, J1 47, J1 48 → GND
J1 5, J1 46 → +12V
J1 7, J1 44 → -12V
J25 36, J25 37
J25 39, J25 40
J25 28, J25 29, J25 30 → +5V
J25 32, J25 33, J25 34 → GND

TP1, TP2, TP3, TP4, TP5

C8 0.1 — +5V, GND

U10 DAC-08A — B8 B7 B6 B5 B4 B3 B2 B1 V+ OUT1 OUT1 V- COMP VCC
U3 DAC-08A — B8 B7 B6 B5 B4 B3 B2 B1 V+ OUT1 OUT1 V- COMP VCC

RP2 2.7K 1% — 1, 2, 6, 7, 8, 14, 15
C23 0.1 — +12V, GND
C7 0.1 — +12V, GND
C21 0.1 — GND
C22 .01 — -12V
C5 0.1 — GND
C6 .01 — -12V

U16 LF347N — C38 .001, RP2 2.7K 1%, C39 0.1, C41 0.1, C42 100PF, R14 100, RP4 10K, R15 100, C43 100PF, RP4 10K, CIM REP RATE SET (20 J25), CIM REP RATE RTN (19 J25), GND, +15V, -15V
U2 LF347N — C2 .001, RP2 2.7K 1%, C3 0.1, C4 0.1, R5 100, C19 100PF, RP1 2.7K 1%, R6 100, C20 100PF, RP4 10K, CIM Q-SW ADV SYNC (16 J25), CIM Q-SW ADV RTN (15 J25), GND, +15V, -15V

U27 7812 — IN COM OUT; C57 10, C58 0.1, C59 0.1, GND
U28 7912 — IN COM OUT; C60 10, C61 0.1, C62 0.1, GND

P-CAD 5.1
FILE:CIM2.SCH

QTY	ITEM	PART NUMBER	DESCRIPTION

	NAME	DATE
DFTS.	DUKE	9/94
CHK.		
ENG.	S.LAWRENCE	9/94
APVD.		
MODEL	NEXT ASSY.	
FINISH:		

Spectra-Physics — MOUNTAIN VIEW CA 94042

TOLERANCES, UNLESS OTHERWISE SPECIFIED: .X ±, .XX ±, .XXX ±; ANGLES: ±; SURF.FIN: ±; MFG: ±
CONFIDENTIAL: SPECTRA-PHYSICS PROPRIETARY
GENERAL TOLERANCES PER S-P DOCUMENT NO. C-5124

SCHEMATIC,
CIM-3 EXPANSION P.C.B.

SCALE	SIZE	DRAWING NUMBER	SHEET	REV.
NONE	D	0449-4050	2 OF 4	B

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